

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Stavros C. Manolagas et al.

Group Art Unit: 1647

Serial No.:

10/730,751

Examiner: Shafer, Shulamith H.

Filed:

December 8, 2003

Docket No.: 110.016US1

Title:

IN VITRO AND IN VIVO MODELS FOR SCEREENING COMPOUNDS TO

PREVENT GLUCOCORTICOUID-INDUCED BONE DESTRUCTION

TRANSMITTAL LETTER FOR REFERENCE CITED IN THE INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

I am transmitting with this letter a copy of a reference cited in the Information Disclosure Statement in the above-referenced application. The copy of this reference was inadvertently omitted from the package of copies of the cited references submitted with the Amendment and Response under 37 C.F.R. § 1.111 on April 27, 2006. The reference is Henriques, MGMO, et al., "Mouse Paw Edema. A New Model for Inflammation?", Brazilian J. Med. Biol. Res. 20:243-249 (1987).

Date: 4/28/86

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CERTIFICATION UNDER 37 C.F.R. 1.8.

The undersigned certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in a package addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 28, 2006.

By: / / / / / / / Hugh McTavish

Shulamith H. Shafer

Date: 2006.07,10 10:55:41 -04'00'

07/10/2006

INFORMATION DISCLOSURE **STATEMENT**

Sheet 1 of 1

Application No.

10/730,751 Dec. 8, 2003

Filing Date Applicants:

MANOLAGAS et al.

Art Unit:

1647

Attorney Docket No. 110.016US1

Examiner Initials	Document
Document	
considered	
	Bellido, T. et al., 1998, Overexpression of Bcl-2 renders osteoblastic cells
SHS	refractory to glucocorticoid-induced apoptosis. Abstract W017, Bone 23:S324.
	Bellido, T. et al., 1998, PTH prevents glucocorticoid-induced apoptosis of
SHS	osteoblasts and osteocytes in vitro: direct interference with a private death pathway
	upstream from caspase-3. Abstract F458. Bone 23:S518.

Shulamith H. Shafer Digitally signed by Shulamith H. Shafer DN: cn=Shulamith H. Shafer, c=US, c=USPTO, cu=AU (447, email=shulamith. shafer @uspto.gov Date: 2008.06.26 11:09:12 -04'00' 06/26/2006 **Date Considered** Examiner Signature _

PTO-1449 REPRODUCED			PPLICATION NO. 0/730,751		
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	O d () E ()		PATENT DOCUMENTS	
EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	AA	5,071,773	12/10/1991	Evans, et ul.
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	AB2	US 20020137209	09/26/2002	Manologas, et al.
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			DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSL YES	ATION NO
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		AM	WO 99/54728 A2	10/28/1999	Novalon Pharmaceuticals Corp.		
		AN	WO 99/61044 A1	12/02/1999	The Board of Trustees of the University of Arkansas		·
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FIRST NAMED INVENTOR
Stavros C. Manolagas

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	ΑТ	Dunstan, et al., "Osteocyte Death and Hip Fracture", Clacif Tissue Int., 53: Suppl1: S113-S117 (1993).			
	AU	Falcini, F., et al., "Intravenous Administration of Alendronate Counteracts the In Vivo Effects of Glucocorticoids on Bone Remodeling", Calcified Tissue International., 58:166-169 (1996).			
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	AX	Kato, Y., et al., "Establishment of an Osteocyte- like Cell Line, MLO-Y4", J. Bone Miser. Res., 12:2014-2023 (1997).			
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	AR2	Reid, I.R., et al., "Prevention of Glucocorticoid-Induced Osteoporosis", Journal of Bone and Mineral Research, 5:619-623 (1990).			
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	AT2	Weinstein, R.S., et al., "Inhibition of Osteoblastogenesis and Promotion of Apoptosis of Osteoblasts and Osteocytes by Glucocorticoids", The Journal of Clinical Investigation, 102:274-282 (1998).			
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	AX2	Bressot, C., et al., "Histomorphometric Profile, Pathophysiology, and Reversibility of Corticosteroid-induced Osteoporosis", Metabolic Bone Disease & Related Research, 1:303-311 (1979).
	AY2	Broulik, Ph.D., et al., "Effect of Antiandrogens Casodex and Epitestosterone on Bone Composition in Mice", Bone, 20:473-475 (1997).
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\bigvee	AR3	Chavassieux, P., et al., "Short-Term Effects of Corticosteroids on Trabecular Bone Remodeling in Old Ewes", Bone, 20:451-455 (1997).
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	AU3	Cope, C.L., "Synthetic Analogues", Adrenal Steroids and Disease, Lippincott, PA, USA, 488-491 (1972).
	AV3	Cushing, H., "The Basophil Adenomas of the Pituitary Body and their Clinical Manifestations", Bulletin of the John Hopkins Hospital, 1:137-195 (1932).
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	AR4	Fitzpatrick, L.A., "Glucocorticoid-Induced Osteoporosis", Osteoporosis, 202-226 (1994).
	AS4	Frey, F.J., "Kinetics and Dynamics of Prednisolone", Endocrine Reviews, 8:453-473 (1987).
V	AT4	Frost, H.M., "In Vivo Osteocyte Death", <i>The Journal of Bone and Joint Surgery</i> , 42-A:1-8:138-150 (1960).
SHS	AU4	Gohel, A., at al., "Glucocorticoids Induce Apoptosis in Osteoblasts by the Regulation of BCL-2, BAX and Other Cell Cycle Factors", Journal of Bone and Mineral Research, Abstract, F234:S284 (1997).
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	AS5	Kleiber, M., "The Fire of Life: An Introduction to Animal Energetics", John Wiley & Sons, Inc., New York Chapter, 10:177-216 and 11:217-230 (1961).
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	AV5	Li, M., et al., Bone 19:81-88 (1996).			
	AWS	Lian, J.B., et al., "Species-Specific Glucocorticoid and 1,25-Dihydroxyvitamin D Responsiveness in Mouse MC3T3-E1 Osteoblats: Dexamethasone Inhibits Osteoblast Differentiation and Vitamin D Down-Regulates Osteocalcin Gene Expression", Endocrinology, 138:2117-2127 (1997).			
	AX5	Lukert, B., "Glucocorticoid-Induced Osteoporosis", Ostoeporosis, Academic Press, 801-819 (1996).			
	AY5	Lynch, M.P., et al., "Apoptosis During Bone-Like Tissue Development in Vitro", Journal of Cellular Biochemistry, 68:31-49 (1997).			
	AZ5	Mankin, H.J. "Nontraumatic Necrosis of Bone (Osteonecrosis)", The New England Journal of Medicine, 326:1473-1479 (1992).			
	AR6	Newman, E., et al., "The Potential of Sheep for the Study of Osteopenia: Current Status and Comparison with Other Animal Models", Bone, 16:277-284S (1995).			
	AS6	Owen, M., "Lineage of Osteogenic Cells and Their Relationship to the Stromal System", Bone and Mineral Research/3, 1-25 (1985).			
	АТ6	Parfitt, A.M., "Osteonal and Hemi-Osteonal Remodeling: The Spatial and Temporal Framework for Signal Traffic in Adult Human Bone", Journal of Cellular Biochemistry, 55:273-286 (1994).			
	AU6	Parfitt, A.M., et al., "Bone Histomorphometry: Standardization of Nomenclature, Symbols, and Units", Journal of Bone and Mineral Research, 2:595-610 (1987).			
	AV6	Parfitt, A.M., "Bone-Forming Cells in Clinical Conditions", <i>Bone</i> , Vol. 1, The osteoblast and osteocyte, 351-430, CRC Press, Boca Raton (1996).			
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